

ENTRY NO. CU95 Date
 Cyclotron Model NEN Cyclotron 6
 Institution DuPont Merck Pharmaceutical Co.
 Address 331 Treble Cove Rd. Billerica, MA 01862
 Tel (508) 671-8012 Telex
 Fax EMAIL
 In Charge: Peter Holton Reported by: Frank Buck

HISTORY

MILESTONE DATES:
 Installation 6/90 First Beam 11/90
 DESIGN/CONSTRUCTION BY: IBA
 COST: Accelerator Facility
 FUNDED BY: E. I. DuPont

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 Isotope Production 100 %
 (a) %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

| Accelerated Ions | E/A (MeV/u) | Current(part μ A) | |
|------------------|-------------|-----------------------|----------|
| | | Internal | External |
| (a) H- | 30 | - | 200 |
| (b) | | | |

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 200 m² Moveable m²
 Target Stations: 3 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU97 Date 7/5/1992
 Cyclotron Model IBA Cyclone 30
 Institution State U. of N.Y. Nuclear Med.
 Address 105 Parker Hall 3435 Main St. Buffalo NY 14214
 Tel 716 838 5889 Telex
 Fax 716 838 4918 EMAIL NRCFREDC@UBVMS.CC.BUFF
 In Charge: Dr. Ackerhalt Reported by: Philip Orlosky

HISTORY

MILESTONE DATES:
 Installation 8/92 First Beam 12/92
 DESIGN/CONSTRUCTION BY: Wendel Eng./Le. Chase Const..
 COST: Accelerator 2,800,000 Facility 3,800,000
 FUNDED BY: State U. of NY Buffalo and Veterans Adm Hosp.

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 PET Targets (Anticipated) 25 %
 (a) Research 25 %
 (b) Maintenance 15 %
 (c) Isotope Production 35 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

| Accelerated Ions | E/A (MeV/u) | Current(part μ A) | |
|------------------|-------------|-----------------------|----------|
| | | Internal | External |
| (a) H | 30 | 350 | 350 |
| (b) | | | |

1991 μ A-hours on target: 0

FACILITIES

SHIELDED AREA: Fixed 55 m² Moveable 0 m²
 Target Stations: 10 No. Served At Same Time: 2
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

